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Universitas Negeri Jakarta
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Keywords:
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The title of the paper should consist of 8 to 15 words, and clearly describe the research (Bold, 18pt, Arial)

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Abstract (10pt)
The abstract should be written in English and provide a concise summary of the entire article, including the background, objective, method, results, and conclusion. It must be written in a single paragraph without citations or references, using clear and concise sentences. The abstract must be no longer than max 250 words, written in single line and paragraph spacing (1.0) on A4 paper, and the full article should consist of 6 to 12 pages. The text should be justified (aligned left and right) and presented without numbering or bullet points. The abstract should be followed by keywords consisting of 3 to 5 relevant terms that reflect the core content of the article.
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INTRODUCTION (Use Heading 1 for chapters, 12pt, BOLD)

The article content consists of main sections using Heading Level 1, including: **INTRODUCTION**, **METHODS**, **RESULTS AND DISCUSSION**, **CONCLUSION**, **ACKNOWLEDGEMENTS*** (optional), and **REFERENCES**. The manuscript should use Arial font, size 10pt, with single line and paragraph spacing, and a total length of 6 to 12 pages on A4 paper. **Heading Level 2** should be used for subsections under Heading Level 1 and can be adjusted as needed.

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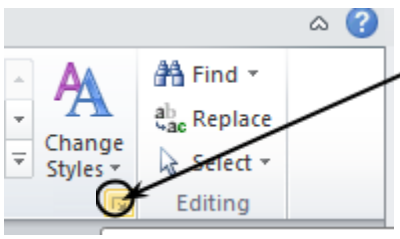
- Table and figure titles should be bold, use 8pt font size, and be placed above and centered over the table or figure. Example: Table 1. Description, Figure 1. Description. All figures must be high-resolution, clear, and easily visible.
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Important Note:
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How to Apply Paragraph Style (Heading Level 2,bold, 10pt)

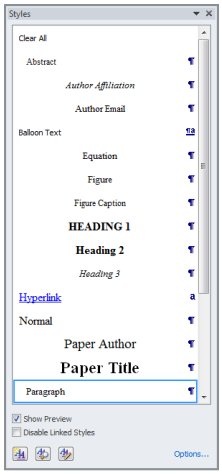
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This section explains how to display the pop-up window to select a style:



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How to Use the JKOMA Template (Heading Level 2, 10pt)

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Formatting and Inserting Equations (Heading Level 2, 10pt)

(Use the Microsoft Word template style: Heading 2)

Equations must be center-aligned, with the equation number right-aligned (flush right). Below are some tips for writing equations according to the JKOMA template:

1. Copy, paste, and edit Equation (1) below (highly recommended).

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2. Manually insert equations using the INSERT → OBJECT → Microsoft Equation 3.0 menu (it is recommended to insert equations using a two-column table, with the left column for the equation and the right column for the equation number).
3. Equation numbers must be arranged sequentially from top to bottom.

$$\frac{d[F_1]}{d\omega_2} = SAm_2 \cos\omega, \quad \frac{d[F_1]}{d\omega_3} = SAm_2 \cos\omega \tag{1}$$

Or Example

$(x + a)^n = \sum_{k=0}^{n} \left(\frac{n}{k}\right) x^k a^{n-k}$	(1)

*Remove the equation table borders, so that it becomes:

$$(x + a)^n = \sum_{k=0}^{n} \left(\frac{n}{k}\right) x^k a^{n-k} \tag{1}$$

If you are displaying multiple images, you can use a table to make the layout easier to manage.

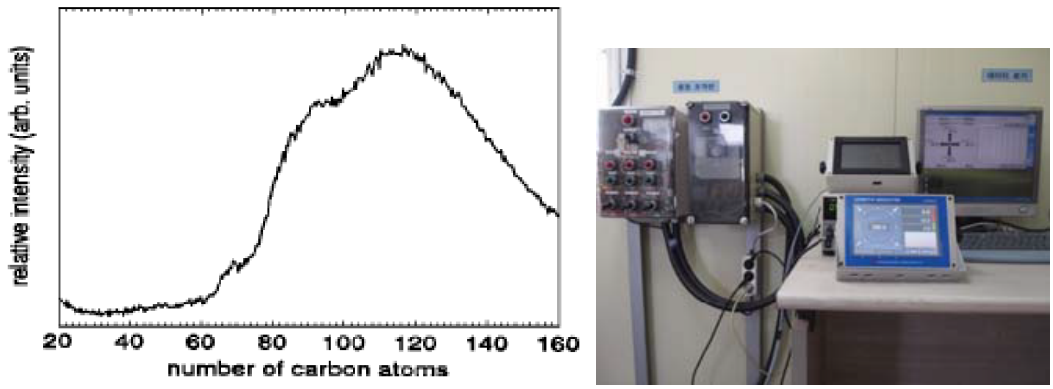


FIGURE 1. Use the Microsoft Word template style: Figure Caption. The text "**FIGURE 1.**" which serves as the label, must be written in uppercase and bold. If the figure consists of multiple parts, you may use labels such as (a), (b), and so on. Using a table makes it easier to arrange multi-part figures, as shown in the example above. (8pt)

To refer to a figure, use "FIGURE 1". The figure caption should be placed below the image and center-aligned [6], [7], [8].

Tables

Below is an example of how to write a table, as shown in TABLE 1. Remove all vertical lines from the table.

TABLE 1. Use the Microsoft Word template style: Table Caption. The text "**TABLE 1.**" is the table label, written in uppercase and bold. The table caption should be center-aligned and placed above the table. (8pt)

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Variable 1	Variable 2	Variable 1
Line 1	x	x
Line 2	x	x
Line 3	x	x

ARTICLE CHECKLIST TIPS (Heading 1, 12pt)

Here are some tips to help you perform a final check of your article before submitting it to JKOMA:

- Write your paper using the official JKOMA Template.
- Make sure to save the file in Microsoft Word 1997–2003 format.
- Ensure that your manuscript fully complies with the JKOMA template before submitting the journal.

ACKNOWLEDGEMENTS (Heading 1, 12pt)

Write your acknowledgements in this section [5]. For example: “We would like to thank the funding agency, institutions or individuals who supported the research, those who assisted in discussions, etc.” Author names must not be included in this section.

REFERENCES (Heading 1, 12pt)

JKOMA uses the IEEE referencing system. Please use Mendeley for citation management and ensure that the bibliography is also generated using Mendeley. In the reference list, arrange the entries in alphabetical order (ascending) based on the first author’s last name. Use the Reference style for formatting this section.

EXAMPLE:

[1] D. Theodorus, S. Defit, and G. W. Nurcahyo, “Machine Learning Rekomendasi Produk dalam Penjualan Menggunakan Metode Item-Based Collaborative Filtering,” *Jurnal Informasi dan Teknologi*, pp. 202–208, Aug. 2021, doi: 10.37034/jidt.v3i4.151.

[2] C. A. Hutagalung, A. Fitrianto, and G. Akbar, “Development of AI-Based Presentation Application using Deep Learning for Individuals With Disabilities,” *Building of Informatics, Technology and Science (BITS)*, vol. 6, no. 3, pp. 1910–1918, Dec. 2024, doi: 10.47065/bits.v6i3.6162.

[3] C. A. H. Hutagalung, G. A. Rosalind, D. M. S. Tuhu, and A. Agustianingsih, “Wholesale Inventory Management Optimization: Methodological Approach with XGBoost, SVR, and Random Forest Algorithms,” *Brilliance: Research of Artificial Intelligence*, vol. 3, no. 2, pp. 369–377, Dec. 2023, doi: 10.47709/brilliance.v3i2.3336.

[4] A. Setiawan, Y. Alexandro, and J. Parhusip, “ANALISIS DISTRIBUSI RATA-RATA WAKTU RESPON APLIKASI BERBASIS WEB MENGGUNAKAN KURVA NORMAL DAN SIMPANGAN BAKU,” *JATI (Jurnal Mahasiswa Teknik Informatika)*, vol. 9, no. 1, pp. 211–216, Dec. 2024, doi: 10.36040/jati.v9i1.12176.

[5] A. F. Dzulfiqar, “METODE STATISTIK DAN MACHINE LEARNING UNTUK PREDIKSI HARGA BAHAN POKOK DI JAWA TIMUR,” *The Indonesian Journal of Computer Science*, vol. 14, no. 1, Mar. 2025, doi: 10.33022/ijcs.v14i1.4625.

[6] Riska Rismaya, Dwi Yuniarto, and David Setiadi, “Penerapan Algoritma Machine Learning dalam Prediksi Prestasi Akademik Mahasiswa,” *Router : Jurnal Teknik Informatika dan Terapan*, vol. 3, no. 1, pp. 15–23, Feb. 2025, doi: 10.62951/router.v3i1.389.

[7] Ahmad Harmain, P. Paiman, H. Kurniawan, K. Kusrini, and Dina Maulina, “NORMALISASI DATA UNTUK EFISIENSI K-MEANS PADA PENGELOMPOKAN WILAYAH BERPOTENSI KEBAKARAN HUTAN DAN LAHAN BERDASARKAN SEBARAN TITIK PANAS,” *TEKNIMEDIA: Teknologi Informasi dan Multimedia*, vol. 2, no. 2, pp. 83–89, Jan. 2022, doi: 10.46764/teknimedia.v2i2.49.

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[8] U. Michelucci, “Calculus and Optimisation for Machine Learning,” in *Fundamental Mathematical Concepts for Machine Learning in Science*, Cham: Springer International Publishing, 2024, pp. 21–62. doi: 10.1007/978-3-031-56431-4_3.